

June 8, 2018

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for
CPC, OPC, and WPC

Climate Prediction Center

The following accelerated items were implemented this past week:

None

The following approved changes will be implemented the week of June 11, 2018:

RFC 1101 – Week 34 Transmission v1.3 – Copy shapefiles over to the web directory so that they can be available for download on CPC's website. To be implemented on June 14 at 1400Z.

The following RFCs are in progress:

None

The following NCO RFCs which may affect CPC are scheduled to be implemented the week of June 11:

RFC 4520 – For WCOSS (Luna), update the System Management Workstation (SMW) to the current patch level. This is needed as part of the CLE (Cray Linux Environment). Downtime will be required for the Cray while the IBM and Dell system remain up during the outage. Part 1 of this update will be implemented on June 12 between 1100Z and 2300Z. Part 2 will be done on June 19.

RFC 4528 – The ncarg 6.3.0 (NCAR Graphics) module on Surge and Luna is broken, referencing a non-existent directory. To fix this, IBM will create a new 6.3.0.1 module which points to the correct directory. IBM will also create a new

6.1.0.1 module which adds the ncarg binary directory to the path. To be implemented on June 11 at 1700Z.

The following NCO RFCs are in progress and may affect CPC:

None

Ocean Prediction Center

The following accelerated items were implemented this past week:

RFC 1104 – ‘create_web_news_images.pl’ v18.06.08 - The National Ice Center (NIC) produces a daily Arctic Marginal Ice Zone image that OPC downloads and hosts on the main page of <https://ocean.weather.gov> as a thumbnail for Ice and Iceberg products. The NIC changed the URL of the image, so OPC’s site was displaying old information. Updated the source image address in the ‘create_web_news_images.pl’ script. Implemented on June 8 at 1330Z.

The following will be implemented the week of June 11, 2018:

RFC 1102 – ‘VibrioHrvst_DEGrowAreas.pl’ v2018.06.11 – In script “VibrioHrvst_DEGrowAreas.pl, include a call to a virtual server to fix a plotting error in Vibrio Doubling Time and Surface Temperature maps for Delaware Bay. The landmark names on the map are not plotting clearly and need to use a virtual graphics server to make clean plots. To be implemented on June 11 at 1300Z.

The following RFCs are in progress:

None

The following NCO RFCs which may affect OPC are scheduled to be implemented the week of June 11:

RFC 4520 – For WCOSS (Luna), update the System Management Workstation (SMW) to the current patch level. This is needed as part of the CLE (Cray Linux

Environment). Downtime will be required for the Cray while the IBM and Dell system remain up during the outage. Part 1 of this update will be implemented on June 12 between 1100Z and 2300Z. Part 2 will be done on June 19.

RFC 4522 – NAWIPS v7.5.1 – Implement a patch to NAWIPS to fix the watch and warning decoder (dcwarn) which broke when NCO/SDB implemented the snow squall warning in NAWIPS v7.4.2. This change will be implemented for NCO's Dataflow group on June 1 at 1400Z. If it is successful, it will be released to the remote Centers on June 18.

RFC 4523 – On WCOSS, turn off processes that pull Jason-2 data from the NESDIS DDS server to WCOSS. This datafeed is obsolete and was replaced by a new feed in 2010, located in b031/xx115. The old dataset had previously been decoded to b031/xx111. To be implemented on June 11 at 1400Z.

RFC 4528 – The ncarg 6.3.0 (NCAR Graphics) module on Surge and Luna is broken, referencing a non-existent directory. To fix this, IBM will create a new 6.3.0.1 module which points to the correct directory. IBM will also create a new 6.1.0.1 module which adds the ncarg binary directory to the path. To be implemented on June 11 at 1700Z.

The following NCO RFCs are in progress and may affect OPC:

None

The following NCO RFCs which may affect OPC have been delayed:

RFC 4431 – Implement BOD 18-01 change on w2.weather.gov, airquality.weather.gov, mobile.weather.gov, and marine.weather.gov. Was to be implemented on May 15 at 1400Z; NCO/SDB and Akamai are working to determine best way to implement this; new implementation date is TBD.

Weather Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of June 11, 2018:

RFC 1103 – For NMAP, add restore files for ECMWF/GFS variables (PTYPE, 10m wind gust, Theta, CAPE). To be implemented on June 12 at 1200Z.

The following RFCs are in progress:

None

The following NCO RFCs which may affect WPC are scheduled to be implemented the week of June 11:

RFC 4520 – For WCOSS (Luna), update the System Management Workstation (SMW) to the current patch level. This is needed as part of the CLE (Cray Linux Environment). Downtime will be required for the Cray while the IBM and Dell system remain up during the outage. Part 1 of this update will be implemented on June 12 between 1100Z and 2300Z. Part 2 will be done on June 19.

RFC 4522 – NAWIPS v7.5.1 – Implement a patch to NAWIPS to fix the watch and warning decoder (dcwarn) which broke when NCO/SDB implemented the snow squall warning in NAWIPS v7.4.2. This change will be implemented for NCO's Dataflow group on June 1 at 1400Z. If it is successful, it will be released to the remote Centers on June 18.

RFC 4528 – The ncarg 6.3.0 (NCAR Graphics) module on Surge and Luna is broken, referencing a non-existent directory. To fix this, IBM will create a new 6.3.0.1 module which points to the correct directory. IBM will also create a new 6.1.0.1 module which adds the ncarg binary directory to the path. To be implemented on June 11 at 1700Z.

The following NCO RFCs are in progress and may affect WPC:

None

Please note that security-related RFCs are never listed in the RFC memo.

---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.

Users who wish to view their network utilization via the Scrutinizer appliance may request access from NCO/IWSB. Please send an account request to the NCWCP Helpdesk at NCWCP.helpdesk@noaa.gov.